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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/738,443

DATE: 08/05/2004

TIME: 10:48:51

Input Set : N:\Crft3\RULE60\10738443.raw
 Output Set: N:\CRF4\08052004\J738443.raw

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1 <110> APPLICANT: Howard A. Fields
2 <110> APPLICANT: Yury E. Khudyakov
3 <120> TITLE OF INVENTION: Synthetic Peptides Immunoreactive With Hepatitis A
4   Virus Antibodies
5 <130> FILE REFERENCE: 14114.0342P1
6 <140> CURRENT APPLICATION NUMBER: US/10/738,443
7 <141> CURRENT FILING DATE: 2003-12-16
8 <150> PRIOR APPLICATION NUMBER: US/10/031,088
9 <151> PRIOR FILING DATE: 2002-01-14
10 <150> PRIOR APPLICATION NUMBER: PCT/US00/19267
11 <151> PRIOR FILING DATE: 2000-07-14
12 <150> PRIOR APPLICATION NUMBER: 60/144,412
13 <151> PRIOR FILING DATE: 1999-07-15
14 <160> NUMBER OF SEQ ID NOS: 94
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19 <212> TYPE: PRT
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21 <220> FEATURE:
22 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic HAV
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46 <213> ORGANISM: Artificial Sequence

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47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic HAV
49 VP2 and VP4 Peptides
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51 Glu Val Gly Ser His Gln Val Glu Pro Leu Arg Thr Ser Val Asp Lys
52 1 5 10 15
53 Pro Gly Ser Lys Gln
54 20
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65 1 5 10 15
66 Gly Glu Lys Phe Gln
67 20
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77 Asp Lys Pro Gly Ser Lys Lys Thr Gln Gly Glu Lys Phe Phe Leu Ile
78 1 5 10 15
79 His Ser Ala Asp Gln
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88 VP2 and VP4 Peptides
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90 Leu Tyr Asn Glu Gln Phe Ala Val Gln Gly Leu Leu Arg Tyr His Thr
91 1 5 10 15
92 Tyr Ala Arg Phe Gln
93 20
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100 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic HAV
101 VP2 and VP4 Peptides
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103 His Thr Tyr Ala Arg Phe Gly Ile Glu Ile Gln Val Gln Ile Asn Pro
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105 Thr Pro Phe Gln
106 20
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118 Pro Gly Asp Gln
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127 VP2 and VP4 Peptides
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129 His Phe Lys Asp Pro Gln Tyr Pro Val Trp Glu Leu Thr Ile Arg Val
130 1 5 10 15
131 Trp Ser Glu Leu Gln
132 20
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144 Arg Phe Thr Asp Gln
145 20
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Input Set : N:\Crf3\RULE60\10738443.raw
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153      VP3 Peptide
154 <400> SEQUENCE: 11
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157      Trp Thr Ser Ile Gln
158          20
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167 <400> SEQUENCE: 12
168      Gly Gly Ile Lys Ile Thr His Phe Thr Thr Trp Thr Ser Ile Pro Thr
169          1           5           10           15
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171          20
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177 <220> FEATURE:
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180 <400> SEQUENCE: 13
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182          1           5           10           15
183      Ile Pro Val Asp Gln
184          20
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190 <220> FEATURE:
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193 <400> SEQUENCE: 14
194      Phe Asn Ala Ser Asp Ser Val Gly Gln Gln Ile Lys Val Ile Pro Val
195          1           5           10           15
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197          20
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201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
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205      VP3 Peptide

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206 <400> SEQUENCE: 15
207     Ser Asp Ser Val Gly Gln Gln Ile Lys Val Ile Pro Val Asp Pro Tyr
208         1             5                 10                  15
209     Phe Phe Gln Met Gln
210                     20
212 <210> SEQ ID NO: 16
213 <211> LENGTH: 21
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
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218     VP3 Peptide
219 <400> SEQUENCE: 16
220     Ile Lys Val Ile Pro Val Asp Pro Tyr Phe Phe Gln Met Thr Asn Thr
221         1             5                 10                  15
222     Asn Pro Asp Gln Gln
223                     20
225 <210> SEQ ID NO: 17
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227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic HAV
231     VP3 Peptide
232 <400> SEQUENCE: 17
233     Lys Cys Ile Thr Ala Leu Ala Ser Ile Cys Gln Met Phe Cys Phe Trp
234         1             5                 10                  15
235     Arg Gly Asp Leu Gln
236                     20
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240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
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244     VP3 Peptide
245 <400> SEQUENCE: 18
246     Phe Trp Arg Gly Asp Leu Val Phe Asp Phe Gln Val Phe Pro Thr Lys
247         1             5                 10                  15
248     Tyr His Ser Gly Gln
249                     20
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253 <212> TYPE: PRT
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255 <220> FEATURE:
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257     VP3 Peptide
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VERIFICATION SUMMARY

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